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March 2, 2007

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**Group Art Unit 2655**  
**Attn. Certificate of Correction Branch**

Re: U.S. Patent No. 6,980,951 B2; Issued: December 27, 2005  
For: **Noise Feedback Coding Method And System For Performing General  
Searching Of Vector Quantization Codevectors Used For Coding A  
Speech Signal**  
Patentee: Juin-Hwey CHEN  
Our Ref: 1875.0250003

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Supplemental Request for Certificate of Correction Under 37 C.F.R. § 1.322;
2. Completed Form PTO/SB/44, with the noted corrections printed thereon; and
3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

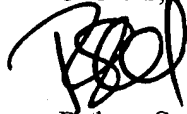
**Certificate  
MAR 07 2007  
of Correction**

Commissioner for Patents  
March 2, 2007  
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The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert Sokohl  
Attorney for Patentee  
Registration No. 36,013

RES:ddc  
Enclosures

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

Juin-Hwey CHEN

Patent No.: 6,980,951 B2

Issued: December 27, 2005

For: **Noise Feedback Coding Method  
And System For Performing  
General Searching Of Vector  
Quantization Codevectors Used For  
Coding A Speech Signal**

Confirmation No.: 1569

Art Unit: 2655

Examiner: Albertalli, Brian Louis

Atty. Docket No.: 1875.0250003

**Supplemental Request for Certificate of Correction  
Under 37 C.F.R. § 1.322**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

*Attn: Certificate of Correction Branch*

Sir:

It is hereby requested that a Certificate of Correction Under 37 C.F.R. § 1.322 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by the U.S. Patent and Trademark Office. It is noted that a Request for Certificate of Correction was filed on June 19, 2006 to correct these mistakes. However, the resulting Certificate of Correction, signed and sealed November 28, 2006, did not list these corrections.

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

- In the specification, column 25, line 51, the text " $\{\tilde{l}_i\}$ " should be replaced with  $--\{\tilde{l}_i\}--$ . Support for this correction can be found in the original specification, paragraph [0160].

- In the specification, column 25, line 53, the text " $\{\tilde{l}_i\}$ " should be replaced with  $--\{\tilde{l}_i\}--$ . Support for this correction can be found in the original specification, paragraph [0161].
- In the specification, column 25, line 66, the text " $l'_i$ " should be replaced with  $--\{l'_i\}--$ . Support for this correction can be found in the original specification, paragraph [0162].
- In the specification, column 25, line 67, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ . Support for this correction can be found in the original specification, paragraph [0162].
- In the specification, column 26, line 3, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ . Support for this correction can be found in the original specification, paragraph [0162].
- In the specification, column 26, line 6, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ . Support for this correction can be found in the original specification, paragraph [0163].
- In the specification, column 26, line 10, the entire formula should be replaced with

$$--a'_i = \gamma_1^i \tilde{a}_i, \text{ for } i = 0, 1, 2, \dots, M.--$$

Support for this correction can be found in the original specification, paragraph [0163].

- In the specification, column 26, line 11, the text " $\{a'_i\}$ " should be replaced with  $--\{a'_i\}--$ . Support for this correction can be found in the original specification paragraph [164]
- In the specification column 41, line 65, the entire formula should be deleted and replaced with  $--d_j(n) = \|q(n)\|^2 = \|qz(n) - g(n)\mathbf{H}(n)y_j\|^2 --$ . Support for this correction can be found in the original specification, paragraph [0268].

***Remarks***

The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Robert Sokohl  
Attorney for Patentee  
Registration No. 36,013

Date: March 2, 2007

1100 New York Avenue, N.W.  
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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO: 6,980,951 B2  
 DATED: December 27, 2005  
 PATENTEE: Juin-Hwey CHEN

It is certified that error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

### Column 25

Line 51, the text " $\{\tilde{l}_i\}$ " should be replaced with  $--\{\tilde{l}_i\}--$ .

Line 53, the text " $\{\tilde{l}_i\}$ " should be replaced with  $--\{\tilde{l}_i\}--$ .

Line 66, the text " $l'_i$ " should be replaced with  $--\{l'_i\}--$ .

Line 67, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ .

### Column 26

Line 3, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ .

Line 6, the text " $\{\tilde{a}_i\}$ " should be replaced with  $--\{\tilde{a}_i\}--$ .

Line 10, the entire formula should be replaced with

$$--a'_i = \gamma_i^i \tilde{a}_i, \text{ for } i = 0, 1, 2, \dots, M.--$$

Line 11, the text " $\{a'_i\}$ " should be replaced with  $--\{a'_i\}--$ .

### Column 41

Line 65, the entire formula should be deleted and replaced with

$$--d_j(n) = \|q(n)\|^2 = \|qzi(n) - g(n)\mathbf{H}(n)y_j\|^2 --.$$

MAILING ADDRESS OF SENDER (Please do not use customer number below):

1100 New York Avenue, NW  
 Washington DC 20005-3934

Atty. Docket No. 1875.0250003

This collection of information is required by 37 CFR 1.322, 1.323 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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